

USAMMDA INFORMATION PAPER

PRODUCT: FUTURE MEDICAL SHELTER SYSTEM

DESCRIPTION: The Future Medical Shelter System (FMSS) is a multifaceted program designed to leverage Congressional funding to explore advanced rigid and soft-walled shelters for forward deployed healthcare providers. The scope of the FMSS program is (1) to develop a self-contained emergency response package concept, and (2) to develop a replacement for the Deployable Medical Systems (DEPMEDS) operating room shelter. Both of these efforts consist of chemically/biologically hardened ISO containers with quick erect/strike times and integrated electrical, water, and medical packages. Both efforts also provide 1200 square feet of soft tentage as patient care wards. These efforts reduce the weight of comparable systems and enhance the transportability and deployability of forward medical care.

PROGRAM RELEVANCE to the ARMY: This product supports both the core mission of the Army and the Army Transformation. Of the Army's core competencies, this product supports "Forcible Entry Operations," "Sustained Land Dominance," and "Support of Civil Authorities." This product is intended to reduce the footprint of field hospitals by reducing the weight and number of airlift flights to deploy a field hospital and/or Forward Surgical Team. This is a major objective of the Army Transformation. The FMSS will be designed to be rapidly setup and packed for movement, as this is essential for tactical mobility. This product supports Future Operational Capabilities: MD-02-002 Hospitalization, MD-02-003 Medical Force Protection, and MD-02-004 Combat Health Logistics.

ISSUES/ACTIONS:

- The Oak Ridge National Laboratory effort is focused toward a self-contained DEPMEDS operating room shelter, and fabrication is ongoing with prototype delivery scheduled for November 2003. Work progresses on the Oak Ridge/Natick Laboratories development of an associated airbeam tent with delivery scheduled for the same timeframe.
- The Mobile Medical International Corporation plywood mock-up is complete and the 60% Design Review was conducted on 27 August 2003. Prototype delivery is scheduled for May 2004.
- EADS-Dornier has submitted a proposal to the U.S. Army Medical Research Acquisition Activity and it is being processed in accordance with standard procedures. This effort will be focused on a modified version of the Trans-Hospital system.

ADDITIONAL INFORMATION:

BPL # 426

DA PROJECT/TASK: Trauma Management –
PE/PROJ 643807/836JN

MAMP RANK: Not Ranked

ARMY ORD: Not required. This product was established by Congressional language.

SCHEDULE:

Prototype Delivery (ORNL)	1QFY04
Prototype Delivery (MMIC)	3QFY04
Prototype Delivery (EADS-Dornier)	TBD

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